



सत्यमेव जयते
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

MSME TESTING CENTRE (WR)
Kurla- Andheri Road, Sakinaka, Mumbai-400 072

TENDER NOTICE-01

MSME-TC/WR/MUM/AMC/2018-19

Director I/c, MSME Testing Centre (Western Region), Mumbai, invites **sealed quotations** from reputed manufactures/Authorized service providers/ Calibration agencies (NABL accredited ONLY) for **Repair, Maintenance / Servicing / Intermediate Check / AMC and Calibration** of the equipment/machineries for MSME - Testing Centre, Mumbai for Electrical, Chemical, Mechanical (Metallurgical) divisions as per attached Annexure.

Terms & Conditions for Tenders :-

- Instruments/Equipment/Machineries/Accessories (mentioned Division-wise in Annexure I, II & III) will be available for your inspection for:- **Repair, Maintenances/Servicing/AMC and Calibration** etc.
- Technical specifications/documents containing details of terms & conditions for the aforesaid item(s) can be obtained on written request from the **Director I/c, MSME Testing Centre (WR), Mumbai-72**, on above address on all working days (except Saturdays, Sunday & Holiday) with effect from **13.11.2018 to 03.12.2018** between **14.00 Hrs. and 17.00 Hrs.**
- The **closing date** for submission of your lowest quotations shall be **03.12.2018 till 17.00 Hrs.**
- The offer (Price Bid) shall be quoted in Indian Rupees only.
- Sealed Subject quotation shall be submitted before stipulated date as referred above. The MSME Testing Centre, Administration, however, shall not be responsible for any delay in receipt of request for Technical specifications/documents if sent by post.
- The Quotations received, till the closing date & time, will be opened by the **PURCHASE COMMITTEE** on **04.12.2018** & the order may be given that date onwards.
- The decision of the Director I/c, MSME-TC, Mumbai, shall be final and have binding on all the parties. No arbitration/representations in this regard shall be entertained.

Contact No.: (022) 28570588 / 28576998

E-Mail: dctc-wr@dcmsme.gov.in

Website: www.msmetcmumbai.gov.in

DIRECTOR I/c
MSME-TC, (WR) MUMBAI-72

Annexure

Sr. No.	Description of Equipment's/Instruments/ Machineries & accessories etc.	Qty.	Remark
ELECTRICAL DIVISION			
1	Digital Micro Ohm Meter	2 No.	Repairing/ Servicing/ Calibration & Intermediate check
2	Analog Million Mega Ohm Meter	1 No.	...do...
3	Digital Multimeter	1 No.	...do...
4	Test panel with VAW panel	1 No.	...do...
5	True RMS Leakage Current Meter	1 No.	...do...
6	Earth Resistance Test Apparatus	1 No.	...do...
7	Endurance Test Set For Switches	2 set	...do...
8	Test panel for AB load	1 set	...do...
9	Digital Panel Meters of inductive load for Plug & Socket	1 set	...do...
10	Test panel for lamp (Lamp cap temp. rise test)	1 No.	...do...
11	Endurance test panel of luminaire	1 set	...do...
12	Endurance Test Panel of Food Mixer	1 set	...do...
13	Digital Watt Hour meter	1 No.	...do...
14	Digital Insulation Tester	1 No.	...do...
15	Current source (Miniature Circuit Breaker)	1 No.	...do...
16	Portable Power Analyser	1 No.	...do...
17	Digital Tong Tester	1 No.	...do...
18	Comparative Tracking Index Test Set.	1 No.	...do...
19	Accessibility test control panel (Protection against electric shock test apparatus)	1 No.	...do...
20	High Voltage Tester 15 KVAC	1 No.	...do...
21	High Voltage Tester 5 KV AC	1 No.	...do...
22	High Voltage Tester 1.5 KV DC	1 No.	...do...
23	3 Cell Ageing Oven Digital Temp. Controller	1 No.	...do...
24	Ageing Oven	1 No.	...do...
25	Heating Oven	1 No.	...do...
26	Thermal Stability Oven with Hg. In Glass Thermometer	1 No.	...do...
27	Environmental Test Chamber (Cold Chamber)	1 No.	...do...
28	6 Channel Temperature Sensor Meter	1 No.	...do...
29	Water Bath (1)	1 No.	...do...
30	Water Bath (2)	1 No.	...do...
31	Water Bath (3)	1 No.	...do...
32	Universal Power Analyser	1 No.	...do...
33	Digital Thermometer	1 No.	Repairing/ Servicing/ Calibration
34	ON/OFF Timer (999 m/sec)	1 No.	...do...
35	Digital Temp. & Humidity Meter	1 No.	...do...
36	Stop Watch	1 No.	...do...
37	Glow wire Test apparatus	1 No.	...do...
38	Push Pull apparatus	1 No.	Only Calibration
39	Anemometer	1 No.	...do...
40	Lux meter	1 No.	...do...

Sr. No.	Description of Equipment's/Instruments/ Machineries & accessories etc.	Qty.	Remark
41	Profile Projector	1 No.	...do...
42	Torque Screw Driver 10-120 Ncm	1 No	...do...
43	Torque Screw Driver 1-6 Nm	1 No.	...do...
44	Vernier caliper (0 to 300 mm)	1 No	...do...
45	External Micrometer (0 to 50 mm)	1 No	...do...
46	Scale (0 to 1000 mm)	1 No	...do...
47	Gauges for Minimum withdrawal force (Line, Neutral &Earthing): 6 Amp.	1 No	...do...
48	Gauges for Minimum withdrawal force (Line, Neutral &Earthing): 16 Amp	1 No	...do...
49	Gauge for Maximum withdrawal force: 6/10 Amp.	1 No	...do...
50	Gauge for Maximum withdrawal force 16 Amp.	1 No	...do...
51	Maximum GO gauge for socket outlet: 6/10 Amp.	1 No	...do...
52	Maximum GO gauge for socket outlet: 16 Amp	1 No	...do...
53	Minimum GO gauge for socket outlet: 6/10 Amp.	1 No	...do...
54	Minimum GO gauge for socket outlet:16 Amp.	1 No	...do...
55	GO gauge for Plug: 6/10 Amp.	1 No	...do...
56	GO gauge for Plug: 16 Amp.	1 No	...do...
57	Gauge for checking Non accessibility of Live Parts	1 No.	...do...
58	Plug gauge (B-22d) for Lamp holder	1 No.	...do...
59	Weighing scale 0 to 210 gm	1 No.	...do...
60	Weighing scale 0 to 15 kg	1 No.	...do...
61	Rotameter Water 15 LPM	1 No	...do...
62	Rotameter Water 120 LPM	1 No	...do...
63	Pressure Guage	1 No	...do...
64	Rotameter Air 1.0 LPM	1 No	...do...
65	Spring operated impact hammer (Multi range)	1 No.	...do...
66	Test finger Probes	3 No.	--do--
67	Computerized Tensile Testing Machine System	1 No.	--do--
68	Integrating Sphere With Spectoradiometer (Sphere Spectoradiometer System) as per IES-LM-79 and IS:16106-2012	1 Set .	Only Calibration
	i)Spectoradiometer CDS 600 Labsphere make		
	ii)Power Analyser WT 310 E Yokogawa make		
	ii)Power supply AC/DC 61603 Chroma make		
69	Humidity Control Oven	1 No.	Repairing/ Servicing /AMC and whole chamber calibration
70	Rain proof/Splash proof/Jet proof test apparatus for IP X3/X4/X5/X6 test	1 Set .	Repair & Servicing
71	Dust Chamber	1 No.	...do...
72	Low voltage High current source	2 No	...do...
CHEMICAL DIVISION			
1	Digital Temp. Controlled Oil Bath 200°C	1 No.	Calibration
2	Digital Temp. Controlled Hot Air Oven 250°C	1 No.	Calibration
3	Digital Temp. Controlled Muffle Furnace 1000°C	1 No.	Calibration
4	Digital Temp. Controlled Furnace Carbon & Sulphur 1000°C	1 No.	Calibration
5	Digital Vernier Caliper 150 mm & 300 mm	1 No.	Calibration

Sr. No.	Description of Equipment's/Instruments/ Machineries & accessories etc.	Qty.	Remark
6	Vernier Caliper 150 mm	1 No.	Calibration
7	Micrometer External Type (0 - 25 mm)	1 No.	Calibration
8	Digital Micro Meter 0-25 mm	1 No.	Calibration
9	Digital Weighing Balance 0- 220 gm	1 No.	Calibration
10	Digital Weighing Balance 0- 660 gm	1 No.	Calibration
11	Digital Weighing Balance 0- 20 kg	1 No.	Servicing & Calibration
12	Deep Freezer -25°C	1 No.	Servicing & Calibration
13	Tensile Testing Machine	1 No.	Servicing & Calibration
14	Digital Micro Meter 0-25 mm	1 No.	Calibration
15	Digital Balance 0-220gm, 0.1mg	1 No.	Calibration
16	Carbon & Sulphur Instrument	1 No.	Servicing
17	Pi Tape (28 to 250 mm)	1 No.	Calibration
18	Melting Point Apparatus	1 No.	Servicing & Calibration
19	Thermohygrometer	1 No.	Calibration
20	Dead Weight of Hammer 1 kg	1 No.	Calibration
21	Dead Weight of Hammer 2 kg	1 No.	Calibration
22	Foils (For Thickness)	5 No.	Calibration
23	pH Meter (0 to 14)	1 No.	Calibration
24	Gauges for Minimum ID of Conduit Pipes	7 No.	Calibration
25	Gauges for Maximum OD of Conduit Pipes	7 No.	Calibration
26	Gauges for Maximum OD of Conduit Pipes	7 No.	Calibration
27	Compression testing machine (0 to 5KN)	1 No.	Servicing & Calibration
28	Gauges for Minimum ID of Conduit Pipes	3 No.	Calibration
29	Radius of Sphere of Ball Pressure Appratus	1 No.	Calibration
30	Load 20N of Ball Pressure Appratus	1 No.	Calibration
31	Bending Device 16 mm Size (Dimensions- 4 Nos.)	1 No.	Calibration
32	Bending Device 20 mm Size (Dimensions- 4 Nos.)	1 No.	Calibration
33	Bending Device 25 mm Size (Dimensions- 4 Nos.)	1 No.	Calibration
34	Weight of Steel Intermediate Piece (100 gm)	1 No.	Calibration
35	Striking Element Dia.	1 No.	Calibration
36	Radius of Curvature of Steel Intermediate Piece (R- 300mm)	1 No.	Calibration
37	Steel Scale	1 No.	Calibration
38	Measuring Cylinder 500 ml	1 No.	Calibration
39	Measuring Cylinder 100 ml	1 No.	Calibration
40	Burette (0 - 50 ml)	1 No.	Calibration
41	Bursting Appratus	1 No.	Calibration
42	Thermometer (-5°C to 110°C)	1 No.	Calibration
43	Measuring tape (0 - 5 m)	1 No.	Calibration
44	Dehumidifier (Make- General Electric)	1 No.	Servicing
45	Folding Endurance Tester	1 No.	Servicing
46	Tearing Resistance Tester	1 No.	Servicing
47	Smoothness & Porosity Tester (Bendtsen Type)	1 No.	Servicing
48	Smoothness, Porosity & Softness Tester (Gurley Type)	1 No.	Servicing
49	Salt Spray Appratus	1 No.	Servicing
50	Hot Plate	1 No.	Servicing

Sr. No.	Description of Equipment's/Instruments/ Machineries & accessories etc.	Qty.	Remark
51	Hot Water Bath	1 No.	Servicing
MECHANICAL (METALLURGICAL) DIVISION			
1	Universal Tensile Testing Machine (UTM, Capacity= 600kN)	1 No.	Servicing/ Calibration & Intermediate check
2	Asbestos Cement Testing Machine (Capacity = 30Ton)	1 No.	--do--
3	Brinell Cum Vickers Hardness Testing Machine (HPO 250)	1 No.	--do--
4	Rockwell Hardness Testing Machine (RAS)	1 No.	--do--
5	Compression Testing Machine (Capacity = 500kN)	1 No.	--do--
6	Digital Tensometer (Capacity = 20kN)	1 No.	--do--

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